TECHNICAL REGULATIONS - SCHEDULE GR86 GOVERNING THE 2026-27 BRIDGESTONE GR86 CHAMPIONSHIP

PREAMBLE

MotorSport New Zealand Inc hereby declares the following Technical Regulations to be those governing Competition for drivers in the MotorSport NZ Bridgestone GR86 Championship.

These Technical Regulations are at all times to be read in conjunction with:

- The MotorSport New Zealand National Sporting Code (NSC), its appropriate Appendices and Schedule, specifically Schedule Z being the Standing Regulations applicable to all Races;
- The Sporting Regulations; and
- The Event Supplementary Regulations.

The Championship is held under a MotorSport New Zealand Sanctioning Permit No: **269025**

OFFICIAL RECORD OF AMENDMENTS

MotorSport New Zealand may issue amendments to these Sporting Regulations or Technical Regulations authorised by the Chief Executive Officer or their representative.

All amendments issued during the season are recorded in the table below:

Amendment Number	Issue/Effective Date	Article Reference	Subject/Notes
T001	09/11/26	ALL	A number of typographical errors have been rectified. No substantive text has changed.

1.0 GENERAL INFORMATION

1.1 These Technical Regulations shall be read in conjunction with in Appendix Two, Schedule A of the MotorSport New Zealand Manual.

1.1.1 Where an item is not specifically covered in these Technical Regulations, the requirements of Appendix Two Schedule A of the MSNZ Manual will apply.

1.2 The authoritative source of these Technical Regulations is available at motorsport.org.nz under the sporting tab.

1.3 All text changes from the previous issue of these Technical Regulations shall be highlighted such. Text changes for grammatical and formatting reasons will not be highlighted.

1.4 Cars shall be originally sourced through GRNZ and only these Cars, as prepared and supplied by GRNZ are eligible to compete in the Championship.

1.5 These Technical Regulations define the specific modifications performed to the Toyota GR86 by GRNZ to create the Car and additionally define the only permissible changes to this specification that may be performed by the Competitor.

1.6 The Car shall at all times whilst in attendance at a Round and/or Official Test Day of the Championship, correspond in all aspects with these Technical Regulations as defined hereinafter. Any modification to the Car not specifically detailed within these Technical Regulations are expressly forbidden.

1.7 All Cars entering competitions to which these Technical Regulations apply shall have a valid MotorSport New Zealand logbook.

1.8 All OE replacement parts and Control Parts shall be purchased from GRNZ.

1.9 All parts shall remain standard, hence any processing and/or changing of parts, mechanically, thermally or chemically, is strictly prohibited. Only work necessary for the Car's normal servicing, and/or for the replacement of parts worn through use or accident is authorised.

1.10 MotorSport New Zealand is responsible for the control of the Technical Regulations and their interpretations. All enquiries relative to these Technical Regulations shall be directed to the personnel detailed under Article 1.10 below.

1.11 Technical Eligibility and Safety Equipment Enquiry:

1.11.1 Where any doubt may exist in understanding any Regulation contained within these Technical Regulations it will be understood that it is the Competitors obligation to enquire as to the correct interpretation. All technical eligibility and/or safety equipment enquiry shall be submitted in writing to:

(1) The Championship Scrutineer as detailed in the Sporting Regulations; then to

(2) The MotorSport New Zealand Technical Manager.

1.11.2 All enquiries should detail the article in question and the specific subject matter.

1.11.3 A written reply will always be given to a written enquiry.

1.11.4 On matters of technical eligibility and/or safety compliance, a verbal statement will have no validity.

2.0 DEFINITIONS

In these Technical Regulations terms and expressions shall have the meanings set out in the National Sporting Code and, where applicable, as defined below:

'Aftermarket' means a catalogued, off the shelf component sourced from another manufacturer to that of the Standard car, which may be fitted without making modification to the Standard car.

'Article(s)' means a numbered provision within these Regulations or within the National Sporting Code, as identified by its number (and sub-number, where applicable). Article headings/titles are included for ease of reference only. References to an Article include all sub-clauses of that Article unless otherwise stated.

'Car' means a GR86 car, originally supplied by Toyota New Zealand, built to the specifications of the current Technical Regulations - Schedule GR86;

'Championship' means the MotorSport NZ GR86 Championship for Cars complying with the Technical Regulations - Schedule GR86;

'Control Part' means a specific part intended for use on the Car that is fully controlled in respect of its specification, application and supply, and where specified shall be fitted.

'Free' (part) means that the original part as well as its function may be removed or replaced with a new part on the condition that the new part has no additional function relative to the original part.

'GRNZ' means GAZOO Racing New Zealand representatives appointed by Toyota New Zealand Ltd as the Category Manager to organise the class;

'National Sporting Code' and **'NSC'** means the current MotorSport New Zealand National Sporting Code and its Appendices and Schedules, which set out the fundamental rules and principles governing the organisation and conduct of Events, and to which all Regulations are subject.

'Normal Servicing' means work performed whereby systems and/or parts of the ~~race~~ Car are restored to their same working order and to the same standard as when the systems and/or parts were new.

'OE' means the 'original equipment' parts as fitted/supplied by Toyota to the GR86 (model and year specific).

'Race Trim' means the condition in which the Car competes, and shall include all fluids, the Driver including all safety apparel and any ballast required to maintain weight compliance.

'Regulation(s)' means a formal body of rules, or any distinct set of provisions within such a body, approved by MotorSport New Zealand, governing any aspect of a Series or Championship.

'Round' means a MotorSport New Zealand permitted event forming part of the Championship at which Drivers may earn points towards the Championship

'Standard' means the original specification as detailed in the Toyota Service Manual for the Toyota GR86.

'Toyota GR86' means the Series Production Toyota GR86 model as supplied by GRNZ.

3.0 COMPETITOR/ENTRANT RESPONSIBILITY

3.1 Each Car must fully comply with these Technical Regulations and with Appendix Two Schedule A of the current MotorSport New Zealand Manual.

3.2 Competitors/Entrants are obligated to make their Car available for any technical eligibility and safety inspections, as and when requested, by the Championship Scrutineer or MotorSport New Zealand Technical Officer.

3.2.1 The Competitor/Entrant shall present their Car and safety apparel for any pre-event safety audits.

3.2.2 The Car shall be presented as it will be used in the competition and shall correspond to these Technical Regulations in all respects.

3.2.3 The MotorSport New Zealand logbook will be required to be submitted to the Championship Scrutineer any pre-event safety audits.

3.3 It is the Competitors responsibility:

3.3.1 for the competition preparation and care of a Car

3.3.2 for all maintenance and damage repair work which shall be performed, at all times, in accordance with these Technical Regulations.

3.3.3 to ensure that only OE parts and/or Control Parts are fitted to the Car and are used in accordance with these Technical Regulations.

3.4 A high level of Car presentation including any necessary bodywork repairs is expected when entered in rounds of the Championship. This will be monitored by GRNZ.

3.5 Competitors/Entrants are not permitted to remove their Cars from the circuit once the Round has officially started without first seeking the written permission of the Championship Scrutineer.

4.0 OFFICIAL CHAMPIONSHIP SEALS AND SEALING REQUIREMENTS

4.1 Definitive text regarding official seals is detailed under Appendix Two Schedule A, Article 3.7 of the current MotorSport New Zealand Manual.

4.2 It is a requirement of these Technical Regulations that Category C seals be affixed by the appointed Championship Scrutineer or Championship Engineer to the specified assemblies as follows:

4.2.1 Engine: wire seal through bolt on the front cover

4.2.2 Gearbox: wire seal through bolt on the tail-shaft cover

4.2.3 Final drive: wire seal through bolt/s on the rear cover

4.2.4 ECU: wire seal through ECU front mounting bolt

4.3 It is the Competitors' responsibility to ensure that these seals remain intact for the duration of their application period as detailed in the MotorSport New Zealand vehicle logbook.

4.4 Permission must be sought prior to removing and/or breaking any of the seals detailed above for any reason.

4.4.1 All requests to be submitted in writing to the Championship Scrutineer.

4.4.2 Upon approval, written confirmation of 'PERMISSION GRANTED' to remove the specified seal will be given.

4.4.3 This record must be kept by the Competitor and produced upon request of a Championship Official.

4.5 Where a request to remove a seal is received away from a Meeting, and it is deemed necessary by the Championship Scrutineer and/or MotorSport New Zealand Technical Department to perform a technical inspection, a charge of $195.00 per hour or part of, plus travel expenses will apply.

5.0 SAFETY EQUIPMENT REQUIREMENTS

5.1 The Car is fitted with the following vehicle safety equipment by GRNZ which shall be maintained and serviced as per Appendix Two Schedule A of the MotorSport New Zealand Manual requirements;

5.1.2 A MotorSport New Zealand type approved safety cage.

(1) A certificate for this safety cage must be contained in the MotorSport New Zealand vehicle logbook.

(2) Protective padding in compliance with FIA Std 8857-2001 or Appendix Two Schedule A of the MotorSport New Zealand shall be installed/maintained within the defined head-space area.

(a) refer Appendix Two Schedule A Part One 4.6(6) and Diagram 4.6(6) of the MotorSport New Zealand Manual.

5.1.3 A 6 strap safety harness compliant to FIA Standard 8853-2016 for the Driver.

5.1.4 A competition seat compliant to FIA Standard 8855/99 or FIA Standard 8862-2009 for the Driver.

(1) An FIA 8862-2009 seat must be installed using the homologated seat brackets including the rear seat back mount bracket.

(2) The FIA 8855/99 seat, where they are homologated for use with rear seat brackets, must have those brackets fabricated and installed in accordance with the manufacturer's instructions.

(a) Not all FIA 8855/99 seats are designed or homologated for use with rear seat brackets. Please check that the seat is homologated for use with rear brackets.

5.1.5 A hand-held fire extinguisher of 2kg capacity mounted in compliance with Appendix Two Schedule A of the MotorSport New Zealand Manual.

5.1.6 An external ignition/circuit breaker switch, that breaks all electrical circuits that keep the engine running, located on the right-hand side near the bottom of the front windscreen.

(1) The ignition/circuit breaker switch shall be identified by the standardised marking as detailed in Appendix Two Schedule A - Diagram 5.4(1) of the current MotorSport New Zealand Manual.

5.1.7 The GRNZ Window Net is compulsory and must be fastened while the Car is on the circuit.

(1) An inboard safety net is optional and if fitted must comply with the requirements of Appendix Two Schedule A Article 4.5 of the MSNZ Manual.

6.0 WEIGHT

6.1 The minimum weight of each Car in Race Trim shall be 1320kg.

6.2 The minimum weight may be measured at any time during any Qualifying session and/or Race on the Official scales of the Meeting.

6.2.1 The official scales will be available for use from Friday at all Rounds of the Championship

6.2.2 The specific location and schedule of access will be advised by the way of Technical Notice on the Official Noticeboard.

6.2.3 The scales will be available sixty (60) minutes prior to the first Circuit session each day.

6.3 The passenger's seat, belts and any Driver Comfort Aids as detailed in Article 11.3 must be removed prior to the Car being weighed.

6.4 The Driver may be given up to 500ml of water to consume prior to the Car being weighed.

6.4.1 The bottle must be removed from the Car while Car is being weighed.

6.5 The only forms of ballast permitted to be used are:

6.5.1 the ballast in the location specified in Article 11.1 of these Technical Regulations; and/or

6.5.2 fuel.

7.0 TELEMETRY

7.1 All forms of data transmission from a Car is forbidden, excluding two-way voice communication between the Driver and the pit-based team personnel.

7.2 Impulse generators giving information on timing are authorised, provided they are separate parts that have no connection with the controls of the Car.

7.3 Dash Configuration:

7.3.1 The dash configuration is to be locked to ensure a consistent view across all Cars.

7.3.2 Requests to add or modify additional dash displays must be submitted in writing to the Championship Engineer for consideration.

8.0 GR86 RACE CAR SPECIFICATIONS

8.1 The Car is based upon the Toyota GR86 with the following modifications and parts installed by GRNZ.

8.1.1 All of the parts detailed in this Article 8 are designated as Control Parts

8.2 Vehicle Safety Equipment

GRNZ Part Number	Description
GR86FIREEXT	GR86 FIRE EXTINGUISHER
CARBK05R	CARTEK BATTERY ISOLATOR KIT
GR86WBRACKET	GR86 WINDOW NET BRACKET
TR86WNET	TR86 WINDOW NET

8.2 Bodyshell and interior

GRNZ Part Number	Description
GR86DOORCL	GR86 DOOR CARD LH
GR86DOORCR	GR86 DOOR CARD RH
TR86FootP01	DRIVER FOOT PLATE
GR86SWC	RACETECH STEERING WHEEL COUPLING
TR86SWB	STEERING WHEEL BOSS
TR86C125BP	STEERING WHEEL BUTTON PANEL
TR86SWBUT	STEERING WHEEL BUTTON ASSEMBLY WITH DANGLY CORD
TR86TBF01	TOW BRACKET
TR86TBF02	STRAP FOR TOW BRACKET
TR86TBF03	FRONT LONG BUSH
TR86TBF04	17MM HEAVY BOLT
TR86TBF05	M10 ZP NYLOC NUT
TR86TBF06	M10 X 75 ZPSKT CAPSCREW
TR86TBR02	M10 X 60 ZPSKT CAPSCREW
TR86TBR03	REAR SHORT BUSH
GR86BP	BONNET PIN KIT

8.3 Engine/Fluids

GRNZ Part Number	Description
TR86EFly	TR86 EXEDY FLYWHEEL
GR86PRESADP	1/8BSP MALE TO 1/8NPT FEMALE
GR86PRESENS	GR86 BOSCH PRESSURE SENSOR
GR86OILB01	OIL BREATHER TANK
TR86OilB03	-12 MALE TO -10 O RING BOSS
TR86OilB09	-12 TO 3/8"BSP ADAPTERS
TR86OilB11	-12 HOSE END 120 BLACK
TR86OilB12	19MM 60 ELBOW BLUE 3 PLY

GR86OilBHL	OIL BREATHER HOSE ASSY LONG
GR86OilBHS	OIL BREATHER HOSE ASSY SHORT
GR86OILBAFFLE	GR86 SUMP BAFFLE PLATE ASSY
GR86OilC01	GR86 SETRAB OIL COOLER
GR86OilC02	GR86 OIL COOLER BRACKET TOP
GR86OilC03	GR86 OIL COOLER BRACKET BOTTOM
TR86OilC04	OIL FILTER ADAPTER PIN
TR86OilC05	OIL FILTER ADAPTER BLOCK
TR86OilC07	-10 MALE TO -10 O RING BOSS
TR86OilC12	M22 TO -10 MALE
TR86OilC15	58 X 3 O RING VITON
TR86OILCHOSE	OIL COOLER 2 HOSE ASSEMBLY
TR86F516HOSE	TR86 1/8 NPT TO 5/16 HOSE BARB
TR86FTPIPE	TR86 FEMALE PIPE TEE 1/8IN NPT
GR86FCLAMP	GR86 4 PUSHLOCK CLAMP
GR86FELBOW	GR86 6 MALE TO 1/8 NPT MALE 90
GR86FHOSEEND	GR86 5/16 STRAIGHTHOSE END BLK
GR86FPRESADP	GR86 M10 X 1/8 NTP FUEL PRESSURE ADAPTOR
GR86FSVALVE	GR86 FUEL SAMPLE VALVE
GR86FUELHOSE	GR86 5/16 EFI HOSE (1MTR)
GR86FUNION	GR86 1/8 NPT MALE UNION
TR86EngOil5l	5L PACKS EDGE 0W-40 ENGINE OIL
TR86BrakeFl1L	BRAKE FLUID CASTROL SRF 1L
GR86DiffOil	CASTROL TRANS LS 80W-140 DIFF OIL 1 LITRE
TR86GearOil	CASTROL SYNTRAX 75W-90 GEARBOX OIL 1 LITRE
MS50018001	TRD OIL FILTER
MS14318001	TRD RADIATOR CAP
GR86THERMO76	MISHIMOTO MMTS-BRZ-13 THERMOSTAT
83522802048	WATER WETTER (355ML)

8.4 Intake/Exhaust

GRNZ Part Number	Description
GR86PLUG01	AIRBOX BLANKING PLUG
TR864158Z	M5 X 8ML ZP BUTTON HEAD SCREW
TR86plugs03	AIR INTAKE DUCT PLUG 30.0
TR86plugs04	AIR INTAKE DUCT PLUG 10.0
GR86EXHAUST01	GR86 HEADERS, EXHAUST
GR86EXHAUST02	GR86 EXHAUST, CENTER PIPE FRONT
GR86EXHAUST03	GR86 EXHAUST PIPE CENTER REAR
GR86EXHAUST04	GR86 EXHAUST MUFFLER ASSY
TR86Exhaust07	M10 X 30 ZP 8.8 HT SETSCREW
TR86Exhaust08	M10 X 25 X 2.5 ZP RND WASHER
TR86Exhaust09	M10 X 25 X 1.5 HEX LOCKNUT
TR86Exhaust11	EXHAUST FLANGE GASKET

8.5 Transmission/Drivetrain

GRNZ Part Number	Description
GR86Clutchk	GR86 EXEDY CLUTCH KIT
33110-18010 or 33110-18011	TRD GR CROSS MISSION GEARBOX

8.6 Suspension/Steering

GRNZ Part Number	Description
MCA23SHOCKK	GR86 MCA SHOCK KIT COMPLETE (FRONT + REAR)
TR86SBF02	SWAY BAR LINKS FRONT (ROSE JOINT COMPLETE)
GR86SBF01	GR86 FRONT SWAY BAR LINK
TR86SBR02	M10 X 75 ZP SKT CAPSCREW
TR86SBR03	M10 ZP NYLOC NUT
TR86SBR04	M10 X 25X2.5 ZP RND WASHER
TR86SBR05	M10 ZP HEX FLANGENUT SERRATED
TR86SBR07	SWAY BAR LINKS REAR ROD END FEMALE
TR86SBR08	SWAY BAR LINKS REAR ROD END MALE
TR86SBR09	BUSH 50MM
TR86SBR10	BUSH 10MM
GR86RACK14	GR86 STEERING RACK SPACER 14MM
GR86TARM	GR86 TOE ARM WITH PILLOW JOINT
GR86LOWERARM	GR86 HARD RACE LOWER ARM
TR86TOEBOLT	TR86 REAR TOE PLATES AND BOLTS

8.7 Brakes/Tyres/Rims

GRNZ Part Number	Description
GR86FBRAKEK	GR86 ENDLESS FRONT BRAKE KIT
GR86RBRAKEK	GR86 ENDLESS REAR BRAKE KIT
GR86BRKCYL	BRAKE MASTER CYLINDER 1 1/16IN
GR86BRAKEFCL	GR86 FRONT BRAKE CALLIPER, LH
GR86BRAKEFCR	GR86 FRONT BRAKE CALLIPER, RH
GR86BRAKERCL	GR86 REAR BRAKE CALLIPER, LH
GR86BRAKERCR	GR86 REAR BRAKE CALLIPER, RH
GR86DISKFL	GR86 ENDLESS FRONT DISC, LH
GR86DISKFR	GR86 ENDLESS FRONT DISC, RH
GR86DISKRL	GR86 ENDLESS REAR DISC, LH
GR86DISKRR	GR86 ENDLESS REAR DISC, RH
GR86BNIPPLE	GR86 BRAKE BLEED NIPPLE
GR86FBELL	GR86 FR BRAKE BELL
GR86FBRAKEH	GR86 FR BRAKE HOSE KIT
GR86FCBRK	GR86 FR CALLIPER BRACKET
GR86RBRAKEH	GR86 RR BRAKE HOSE KIT
GR86RCBRKL	GR86 RR CALLIPER BRACKET LH
GR86RCBRKR	GR86 RR CALLIPER BRACKET RH
GR86FKIT	GR86 BRAKE FLOATING BOBBIN KIT
GR86PADSF	GR86 ENDLESS FRONT PADS
GR86PADSR	GR86 ENDLESS REAR PADS
GR86RIMV2	GR86 DTM RIM VERSION 2
GR86TYRE	GR86 BRIDGESTONE RS TYRE (USED ONLY)
GR86TYRERZ	GR86 BRIDGESTONE RZ SEMI SLICK TYRE

8.8 Fixings

GRNZ part number	Description
GR86EMRM030Z	M8 - 1.25P X 30 SKT CAPSCREW
TR86EMH10025Z	M8 X 25 ZP 10.9 HT BOLT ONLY

GR8605WHOZM	5/16 - M8 ZP HARDENED WASHER
GR86DMBM035Z	M6 X 35 ZP BUTTON HEAD CAPSCREW
GR86DMBM012Z	M6 X 12 BUTTON HD CAPSCREW
TR86CMKM020B	M5 X 20 CSK SOCKET SCREW
TR86SWCLIP	STEERING WHEEL CLIP
TR86CMKM016B	M5 X 16 CSK SOCKET SCREW
TR86DWRIZ	M6X12.5X1.2 ZP BRIGHT WASHER
TR86DMRM012Z	M6 X 12 ZP SKT CAPSCREW
TR86DMRM016Z	M6 X 16 ZP SKT CAPSCREW

8.9 Electrical

GRNZ Part Number	Description
GR86MOTECECU	GR86 MOTEC M142 ECU AND BRACKET
GR86DASH	GR86 DASH, MOTEC C125 and GPS
GR86LAMBDA	GR86 BOSCH LAMBDA
GR86BATTERY	GR86 FULL RIVER HC28 BATTERY
SU003-10431	MOTOR, COOLING FAN, LH
SU003-10429	FAN, LH
SU003-10478	WIRE, COOLING FAN, NO.2

9.0 COMPULSORY SPECIFICATIONS

9.1 Camber

9.1.1 The front wheel camber may be changed, by top mount only to a maximum of 4.2° negative.

9.1.2 The rear wheel camber may be changed to a maximum of 2.2° negative.

9.1.3 Compliance shall be determined on the MotorSport New Zealand designated measuring pad using the GR86 Camber Measuring Tool prescribed in Article 17 below.

9.2 Anti-Roll Bars

9.2.1 The front anti-rollbar is non-adjustable and must remain connected.

9.2.2 The rear anti-rollbar is non-adjustable and must remain connected.

9.3 Ride Height

9.3.1 The ride height can be adjusted provided the following minimums are respected:

(1) a minimum front ride height of 140mm; and

(2) a minimum rear ride height of 285mm.

9.3.2 The ride height is to be measured from the outside edge lip of the bolt as shown in *Figure 1* and *Figure 2.*

9.3.3 The ride height measurement shall be taken with the vehicle in Race Trim and may be measured at any time during any Qualifying session and/or Race.

9.3.4 For the purposes of ride height measurement, the tyres shall be set to 30psi and the measurement shall be taken on the designated measuring pad.

Figure 1- Front ride height measuring points

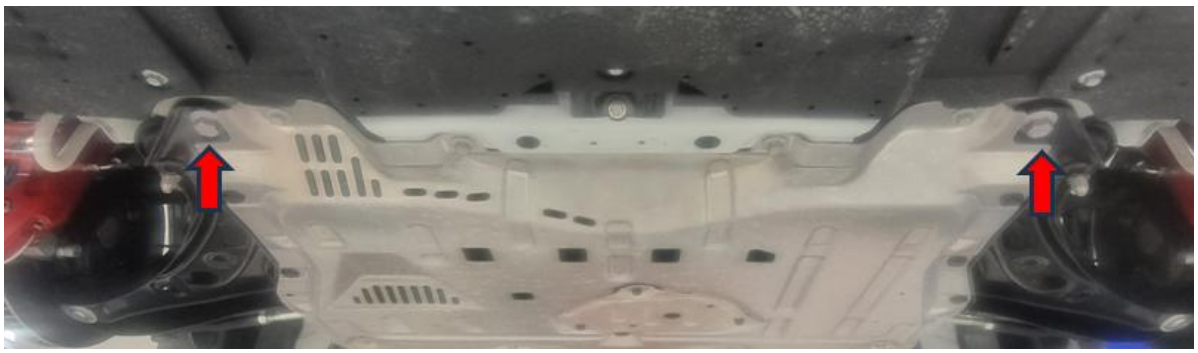


Figure 2- Rear ride height measuring points



9.4 Control Shock Absorbers

9.4.1 The front and rear shock absorbers are Control Parts.

9.4.2 Servicing of the Control Part shock absorber insert is not permitted.

9.4.3 The front and rear shock absorber body length is a set length and shall not be adjusted.

9.4.4 The only permitted adjustment of the shock absorbers is for ride height which shall be adjusted using the Spring Perch Nuts.

(1) The front shock absorber body length shall be 24.0mm +/- 1.0mm from the bottom of the lower shock mount to the base of the shock insert. See *Figure 3*

Figure 3 - Front Shock Absorber Body Height measuring points



(2) The rear shock absorber body length shall be 164mm +/- 1.0mm from the top of the insert body, not including cap, to the top of the bottom mount. See *Figure 4*

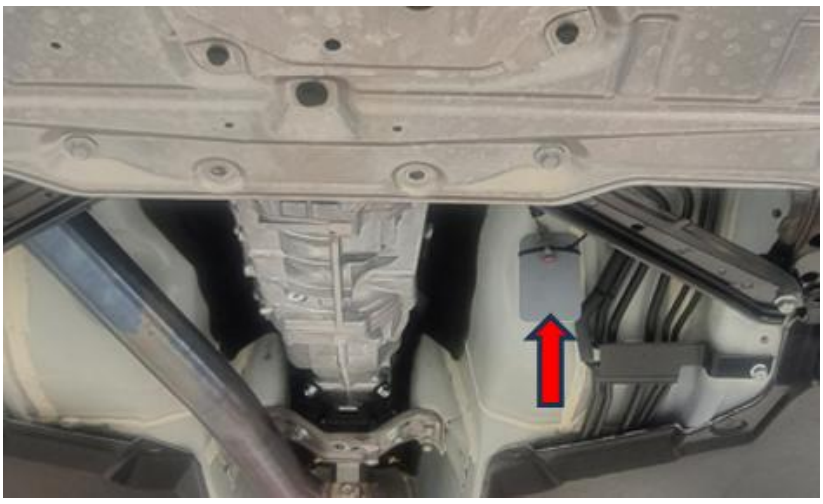
Figure 4 - Rear Shock Absorber Body Height measuring points



9.5 Timing Transponder Installation:

9.5.1 Each Car must have an operational timing transponder fitted in the approved location as shown in *Figure 5* below

Figure 5 - Timing Transponder location



9.5.2 If a timing transponder is not operating correctly during any Practice or Qualifying sessions the associated Car must immediately return to the pit lane to have the issue rectified.

9.5.3 The timing transponder must have clear line of sight with the race track surface.

(1) To achieve this an aperture is to be made in the underbody cover as displayed in *Figure 6* below

Figure 6 - Underbody Cover Aperture



The previous Article 9.0 COMPULSORY UPGRADES has been deleted in its entirety.

10.0 PERMITTED MODIFICATIONS

10.1 The only modifications and/or changes permitted to be made to a Car are detailed in Article 10 below.

10.2 Vehicle Safety Equipment:

10.2.1 The Car is supplied with the following safety items:

GRNZ Part Number	Description
GR86CAGEPAD	Roll Cage Padding
GR86SEATTHR	GR86 RACETECH RT4100THRS Seat
GR86SEATSHR	GR86 RACETECH RT4100HRS Seat
GR86SEATB	GR86 Seat Bracket (Pair)
GR86SEATBRK	GR86 RACETECH Rear Seat Bracket (Inc Extension)
GR86BELT	GR86 Protech Int Pro Harness
TR86SWheel	Sparco Steering Wheel

10.2.2 These safety items detailed in Article 10.2.1 above may be replaced however they must still meet the requirements prescribed below.

10.2.3 Steering Wheel

(1) An alternative steering wheel of the same type from the same manufacturer may be fitted; or

(2) with the prior written approval of GRNZ a steering wheel from another manufacturer may be used.

(3) It is permitted to add a steering wheel holder provided the fitment does not penetrate the safety cage and the installation is approved by the Championship Scrutineer or Championship Engineer.

10.2.4 Seats

(1) Competition seats manufactured to FIA standards 8855/99 and FIA 8862-2009 are authorised.

(2) The FIA 8862-2009 seat must be installed using the homologated seat brackets including the rear seat back mount bracket.

(3) The FIA 8855/99 seat, where they are homologated for use with rear seat brackets, must have those brackets fabricated and installed in accordance with the manufacturer's instructions.

(a) Not all FIA 8855/99 seats are designed or homologated for use with rear seat brackets. Please check that the seat is homologated for use with rear brackets.

10.2.5 Safety Harness

(1) An alternative 6 strap safety harness compliant to FIA Standard 8853-2016 for the Driver is authorised.

(2) The safety harness must use existing harness anchorage points.

10.2.5 Cage Padding

(1) An alternative cage padding may be used but must comply with Appendix Two, Schedule A, Part 1, 4.6 (6) of the MSNZ Motorsport Manual.

10.2.7 Optional Inboard Safety Net

(1) An inboard safety net may be fitted to the left-hand side of the Driver using the approved attachment hardware provided it does not obscure any portion of the onboard camera view.

(2) Existing interior fixtures of the Car may be modified solely for the purpose of securing the safety net.

10.2 Bodyshell and Interior:

10.2.1 Additional Fixings:

(1) Part No. GR86PNLKIT- GR86 panel washer kit may be fitted to non-metallic bodywork for the sole purpose of securing the component.

(2) The kit must be fitted as per the fitting instructions supplied by GRNZ.

10.2.2 Brake Pedal:

(1) A brake pedal padding Part No. TR86BRKPEDAL may be installed as displayed in *Figure 7* below.

Figure 7 - Brake Pedal Padding



10.2.3 Throttle Stop

(1) The existing throttle stop may be replaced with a larger diameter, 55mm throttle stop.

10.2.4 Interior Rear Vision Mirror:

(1) It is permitted to install a larger internal rear vision mirror.

(2) The internal rear vision mirror may be any make or model, however, must meet the following criteria:

(a) Can not be any larger than 380mm (15 inch) long.

(b) Must be properly secured to the satisfaction of the Championship Scrutineer.

10.2.5 Front Bumper Cover Grill:

(1) It is recommended to install a mesh screen directly to and behind the grill in the front bumper cover for the sole purpose of preventing impact damage to the radiator core and oil cooler.

(2) The material of the mesh is free provided it has a mesh gap of no less than 4.0mm.

(3) It is also recommended to affix the front grill using cable ties.

10.2.6 Front Headlight Washers:

(1) It is permitted to disconnect and remove the headlight washers and associated hose and fittings including the windscreen washer bottle and associated fittings.

(2) Once removed the washer covers are to be fixed to the front bumper cover or the apertures are to be covered with vinyl wrap or a similar product.

10.2.7 Bodyshell:

(1) If the safety integrity of a Cars bodyshell is compromised beyond safe repair, the Competitor, with the prior approval of GRNZ may use a replacement bodyshell (part number -GR86SHELL) for the remainder of the Championship.

(2) Once the bodyshell is replaced, the Car must be Safety Audited by the Championship Scrutineer and the requirements of Appendix Four Schedule Z Article 3.4, and Appendix Four Schedule Z Article 6.5 of the MSNZ Manual are met.

10.2.8 Removeable Protective Film (Tear Offs)

(1) A removable protection film (tear off) may be added to the windscreen, subject to the approval of GRNZ.

10.3 BRAKES:

10.3.1 It is permitted to machine the brake discs provided the following minimum thickness are respected:

(1) Front: 28.4mm; and

(2) Rear: 18mm.

10.3.2 It is permitted to remove the front brake bell anti rattle clips along with the front and rear pad anti rattle fittings.

10.4 Bodywork Coverings

10.4.1 It is permitted to paint or apply vinyl to bodywork provided that either process is for decorative purposes only and not performance enhancing.

11.0 OPTIONAL COMPONENTS

11.1 Weight Ballast:

11.1.1 Only ballast supplied by GRNZ is permitted using Part No. TR86BALLAST5 and/or TR86BALLAST104MM.

11.1.2 Any Ballast is to be installed in the front passenger seat area of the vehicle.

(1) The front passenger seat must be removed if ballast is installed.

11.1.3 The ballast must remain in the authorised location during any Qualifying session and/or Race.

11.2 Exhaust:

11.2.1 To prevent the exhaust system being dislodged from its mounts in an accident, it is permitted to provide additional support to the exhaust system mounts by:

(1) Adding a hose clamp, cable tie or similar around the rubber section of the mount; and/or

(2) Adding a tether using suitable tie wire or similar.

11.3 Driver Comfort Aids:

11.3.1 It is permitted for drivers to use driver comfort aids (e.g.: cool suits, helmet fans etc.) however these are not included in the minimum weight of a Car.

12.0 OTHER PROVISIONS

12.1 A Control Part fuel coupling is installed in the return line of the fuel rail for the purpose of taking fuel samples and pumping fuel out of the fuel tank.

12.2 It is permitted to remove the service panel from the engine room under tray as displayed in *Figure 8* below.

Figure 8 - Service Panel



13.0 SPARE PARTS

13.1 All OE replacement parts and Control Parts shall be purchased from GRNZ.

14.0 FUEL

14.1 The only fuel permitted to be used is 98 octane unleaded pump fuel.

14.1.1 It is not permitted to use a pump fuel with ethanol added.

14.2 Unless stated in these Technical Regulations, additives of any kind, specification, chemical description or composition shall not be added to the fuel.

14.3 It is not permitted to blend of two or more fuels.

15.0 LUBRICANTS

15.1 Engine Oil:

15.1.1 Each Competitor must only use the specified Control Engine Oil being Castrol Edge 0W-40 identified by GRNZ PART # TR86ENGOIL5L.

15.2 Transmission Oil:

15.2.1 Each Competitor must only use the specified Control Gear Oil being Castrol Transmax Universal 75W-90 identified by GRNZ PART # TR86GEAROIL1L.

15.3 Differential Oil:

15.3.1 Each Competitor must only use the specified Control Diff Oil being Castrol Trans LS 80W-140 identified by GRNZ PART # GR86DIFFOIL.

16.0 WHEELS & TYRES

16.1 Wheels

16.1.1 Part No. GR86RIM - GR86 Rim is permitted for use in testing and practice sessions.

16.1.2 Part No. GR86RIMV2 - GR86 DTM Rim Version 2 is the only rim permitted for use in Qualifying and any Race.

16.1.3 It is permitted to paint or apply vinyl to rims provided that either process is for decorative purposes only and not performance enhancing.

16.2 Control Tyres

16.2.1 The Control Tyre for the Championship is Part No. GR86TYRERZ- GR86 BRIDGESTONE RZ SEMI SLICK TYRE.

17.0 MEASURING TOOLS

17.1 The Championship Scrutineer will use measuring and testing equipment of a type deemed to be approved by MotorSport New Zealand.

17.1.1 Examples of the measuring and testing equipment are displayed in this Article 17.

17.2 Ride Height Measuring Tools



17.3 GR86 Camber Measuring Gauge



17.4 Shock Absorber Length Measuring Tool



17.5 Tyre Pressure Measuring Gauge



The previous APPENDIX ONE - CONTROL PARTS has been deleted in its entirety